

AMENDMENTS TO CLAIMS

A/

1 (amended). A gas seal adapted to be located in a groove for providing a seal between a frame and a movable member mounted on the frame, the gas seal comprising an elongate support member for location in said groove, the support member having opposed upper and lower faces and opposed first and second sides, and a sealing lip extending along and being joined to the support member, the sealing lip having an anchor portion and a sealing portion, the anchor portion being hingedly connected to the support member and the sealing portion being spaced from the support member by said anchor portion and having an edge which defines a terminal sealing edge of said sealing lip, the sealing lip normally residing in an inoperative position and being movable about said hinge connection relative to the support member to an operative position, said anchor and sealing portions extending laterally from the first side when the sealing lip resides in said inoperative position, whereas when the sealing lip resides in said operative position when said gas seal is located in said groove, said sealing lip being retained in said operative position by said anchor portion resides being trapped in face to face contact with said first side of the support member and an opposed side of said groove such that said hinge connection is isolated from flexure of the sealing portion, with said sealing portion, when the sealing lip is in its operative position, projecting laterally beyond the upper face of said support member and the groove to provide a seal between said frame and movable member.

2 (original). A gas seal according to claim 1 wherein said sealing lip is formed from an elastomer.

3 (original). A gas seal according to claim 1 wherein said anchor portion is hingedly connected to said first side.

4 (original). A gas seal according to claim 1 wherein said support member is formed from a plastics material.

5 (original). A gas seal according to claim 1 wherein the support member is formed from a plastics material or an elastomer and the sealing lip is formed from an elastomer, the support member and sealing lip being co-extruded so as to be integrally connected.

6 (original). A gas seal according to claim 5 wherein said sealing lip is co-extruded with a planar strip-like body which is bonded to the lower face of said support member.

7 (original). A gas seal according to claim 5 wherein said sealing lip is co-extended with a planar strip-like body which forms part of said support member to define said lower face of the support member.

8 (original). A gas seal according to claim 5 wherein the sealing lip is extruded to define a hinge spaced from said first side to enable the sealing lip to move relative to the support member between said inoperative and operative positions.

9 (original). A gas seal according to claim 1 wherein said anchor portion has an inner face and an outer face, said inner face being in face to face contact with the first side when said sealing lip is in said operative position, said outer face being provided with face engagement means which, in use, are engagable with a side of a groove formed in said frame or movable member to retain said gas seal within said groove.

10 (original). A gas seal according to claim 1 wherein a further sealing lip as defined in claim 1 is provided, the further sealing lip being located adjacent to said second side of the support member.

11 (original). A gas seal according to claim 1 wherein said support member is a fire seal.

*AM*  
12 (original). A gas seal according to claim 1 wherein said support member comprises an intumescent material encased in a hollow body.

13 (amended). A method of forming a seal between a frame and a movable member mounted on the frame, the method comprising forming a groove in said frame or movable member and locating a gas seal according to claim 1 within the groove with the lower face of the support member adjacent to the bottom of the groove so as to trap said anchor portion of the or each sealing lip between a side of the groove and the opposed side of the support member and so as to isolate said hinge connection between the anchor portion and support member from flexure of the sealing portion.

---